



**CONTAINS NON-PLANT FOOD INGREDIENT(S)**

**ACTIVE INGREDIENTS**

Proprietary Blend of Polymeric Surfactants . 100.0%  
(Contains less than 1% water)

**CAUTION: KEEP OUT OF REACH OF CHILDREN**

**PRECAUTIONARY STATEMENTS**

Before using this product, read the entire label, including conditions of sale. May cause irritation to skin and eyes. Ingestion of large amounts may cause mucosal irritation, dizziness, nausea and possible vomiting.

**STATEMENT OF PRACTICAL TREATMENT**

**If Swallowed:** Give large amounts of water to drink. Do not induce vomiting. Seek medical attention immediately.  
**If Inhaled:** Move user to fresh air and seek medical attention.  
**If In Eyes:** Flush with water for 15 minutes. Seek medical attention.  
**If On Skin:** Remove contaminated clothing. Wash skin contact area with plenty of soap and water.

**GENERAL INFORMATION**

CASCADE PLUS contains a combination of surfactants that reduce surface tension, allowing water to infiltrate thatch and aggressive turf types, while providing deeper, more uniform soil hydration. The improved infiltration and hydration provided by CASCADE PLUS, result in firmer playing surfaces, improved irrigation efficiency, reduced localized dry spot (LDS) and longer lasting performance across a wide range of soil types. CASCADE PLUS may be applied early in the growing season as a preventative measure or as a curative treatment later in the growing season. CASCADE PLUS may be tank mixed or used in conjunction with DUPLEX™ or DUPLEX ULTRA™ to increase water infiltration through thatch and into tight soils. Including CASCADE PLUS in a water management program with MAGNUS™ or MAGNAPLEX™ improves soil hydration during extended periods of dry weather.

CASCADE PLUS IS SUITABLE FOR USE ON GOLF COURSES, ATHLETIC FIELDS AND RESIDENTIAL OR COMMERCIAL TURF, UNDER THE SUPERVISION OF GOLF COURSE SUPERINTENDENTS, SPORTS TURF MANAGERS OR PROFESSIONAL LANDSCAPE CONTRACTORS.

**DIRECTIONS FOR USE**

CASCADE PLUS contains a unique combination of surfactant technologies. To avoid risk of temporary leaf tip discoloration, caused by certain environmental conditions that may exist at application, follow the application techniques described below. If CASCADE PLUS cannot be applied according to the application techniques listed below, the use of CASCADE PLUS 16G is recommended.

**APPLICATION TECHNIQUES**

Under hot or dry conditions, Pre-wet the turfgrass with at least two turns of the irrigation heads or approximately .10 inches (26 mm) of water, to dilute the concentration of CASCADE PLUS on the leaf surface, decrease the risk of leaf discoloration, and improve product performance.

Irrigate immediately after application for 15-20 minutes or with approximately .25 inches (64 mm) of water to move CASCADE PLUS into the root zone to enhance product performance.

**APPLICATION RATES**

Cool season turf (zones 1-6): Apply two applications of 8 ounces (237 ml) each in 1-2 gallons (3.79-7.57 L) of water per 1000 square feet (92.9 m<sup>2</sup>) at a 7 to 10-day interval to relieve the symptoms of LDS for 4 to 6 months. Apply 4 ounces (119 ml) in 1-2 gallons (3.79-7.57 L) of water per 1000 square feet (92.9 m<sup>2</sup>) every 30 days, if shorter application intervals are desired.

Cool or warm season turf (zones 1-10): Apply 4-8 ounces (119-237 ml) in 1-2 gallons (3.79-7.57 L) of water per 1000 square feet (92.9 m<sup>2</sup>) every 30-60 days.

**STORAGE AND DISPOSAL**

Protect product from freezing. If product freezes, warm to room temperature before use. Store in original container only and do not reuse empty container. Rinse container thoroughly, disposing of rinsate and the container in accordance with federal, state and local regulations.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>.

**CONDITIONS OF SALE**

Read the information contained herein before buying or using this product. If the stated terms are unacceptable, return the product at once, unopened. It is critical that this product be used and mixed only as specified on this label. Neither the manufacturer nor the seller makes any representation or warranty, expressed or implied, with respect to the results from the use of this material. Buyer and user assume all risks of use and/or handling. Precision Laboratories, Inc. warrants that this material is reasonably fit for use as specified on this label. No agent or representative is authorized to make any other representations concerning this material. Unforeseen factors beyond Precision's control prevent elimination of risks in connection with the use of its chemicals. Such risks include, but are not limited to, damage to plants and/or crops to which the material is applied, or lack of complete control and damage caused by drift to other plants or crops. Such risks may occur even though the product is reasonably fit for use as stated hereon and even though label directions are followed. Follow directions carefully. Timing, mixture, method of application, weather and other conditions are influencing factors in the use of this product and are beyond the control of the seller. Except to the extent prohibited by applicable law, the exclusive remedy of the user or buyer and the limit of liability of the Company or any other seller for any and all losses, personal injuries or damages resulting from the use of this product shall be the purchase price paid by the user or buyer for the quality of the product involved.

**S P E C I M E N L A B E L**

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For 24-hour technical assistance when using this product in the USA call: 1-800-323-8351

For 24-hour emergency service when using this product in the USA call CHEMTREC: 1-800-424-9300

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1429 S. Shields Drive  
Waukegan, IL 60085  
847-596-3001  
[www.precisionlab.com](http://www.precisionlab.com)